

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/014613

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 F16C11/10 F16M11/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F16C F16M E04F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 417 566 A (FRANZ SACHS & CO KG) 20 March 1991 (1991-03-20)	1-4, 7-12, 15-19
A	the whole document	20-22
X	DE 101 22 533 A1 (EIDEN & SCHMIDT GMBH) 2 October 2002 (2002-10-02) abstract; figures 1,4	1-4, 7-12, 15-19
X	DE 10 06 254 B (VOIGTLAENDER AKTIENGESELLSCHAFT) 11 April 1957 (1957-04-11) figures 2,4 column 3, line 40 - column 4, line 42 column 4, line 53 - column 5, line 2 -/-	1-9,11, 13,15-19

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

15 April 2005

Date of mailing of the international search report

25/04/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 635 871 C (W. & H. SEIBERT; OPTISCHES INSTITUT G.M.B.H) 25 September 1936 (1936-09-25) the whole document	1-3,5-9, 11-16, 18,19
X	GB 519 176 A (JAMES NEALE & SONS LIMITED; ROWLAND WARWICK NEALE) 19 March 1940 (1940-03-19) the whole document	1-18
X	US 5 419 522 A (LUECKE ET AL) 30 May 1995 (1995-05-30) the whole document	1-13, 15-19

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Information on patent family members

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Patent document cited in search report		Publication date		Patent family member(s)		Publication date
EP 0417566	A	20-03-1991	DE	8910801 U1		07-12-1989
			EP	0417566 A1		20-03-1991
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DE 1006254	B	11-04-1957	NONE			
DE 635871	C	25-09-1936	NONE			
GB 519176	A	19-03-1940	NONE			
US 5419522	A	30-05-1995	NONE			